AVERAGE WEEKLY ROOM
USAGE IN CLASS LABORATORIES

TABLE 4

The assessment of class laboratories is often difficult because of the specialized nature of a class laboratory as well as its interrelationship with a particular course of instruction. Laboratories should be evaluated on use, requirements, cost of operation and relationships to other laboratories.

The average room hours of instruction in laboratories is the ratio of the total room hours of instruction per week to the total number of classes which are designated with a room type of "210" (laboratories). Total room hours is obtained by multiplying the class duration (amount of time a class meets per week or class length) by the number of days a class meets per week.

"Daytime" utilization refers to all classes with beginning times between and including 0500 and 1659 (using a 24-hour clock); "nighttime" utilization applies to all classes with beginning times between and including 1700 and 0459. The sum of "daytime" and "nighttime" is reflected in "all hours."

Norm: Optimum use of class labs is 20 hours per week.

Average Room Hours = Total Room Hours of Instruction in Labs
                                   Total Number of Labs

Sample Data:

DAYS OF WEEK	TIME	ENROLLMENT	ROOM TYPE		
Mon.	13:00 – 16:00	17	210	1 day * 3 hours = 3
Tues.	13:30 – 16:30	14	210	1 day * 3 hours = 3
Mon./Wed./Fri.	9:00 – 10:00	25	210	3 days * 1 hour = 3
Mon./Wed./Fri.	10:00 – 11:00	35	210	3 days * 1 hour = 3
Tues./Thurs.	11:00 – 12:30	30	210	2 days * 1.5 hr = 3
Wed.	11:00 – 14:00	29	210	1 day * 3 hours = 3
Fri.	11:00 – 14:00	21	210	1 day * 3 hours = 3
Mon.	13:00 – 16:00	22	210	1 day * 3 hours = 3
Wed.	18:00 – 21:00	13	210	1 day * 3 hours = 3
Mon.	19:00 – 22:00	16	210	1 days * 3 hours = 3

```
                                                                ----
                                                      TOTAL   30
```

The last two classes listed in the sample data start after 17:00 which is considered nighttime, so

six hours would be placed under "Nighttime". The remaining twenty-four hours would be placed under "Daytime". "Total Room Hours" would be thirty. The sample report uses 90 as the total number of rooms classified with a room type of "210" (laboratories).

```
 Total Room Hours of Instruction    =        30
-----------------------------------------      ----- = .33
Total Number of Class Laboratories =        90
```

The report for one institution would look like this:

	FTE	Total Room Hours	Daytime	Nighttime	All Hours
Institution	5,411	30.00	24.00	6.00	.33

TABLE 4
AVERAGE WEEKLY ROOM USAGE
IN CLASS LABORATORIES

INSTITUTION	FTE	TOTAL ROOM HOURS	DAYTIME	NIGHTIME	ALL HOURS				
					1999	1998	1997	1996	1995
PUBLIC FOUR YEAR INSTITUTIONS									
LSU A&M (Including Ag. & Law)	27,657	2,171	1,952	220	12.7	14.1	14.5	13.1	13.5
University of Louisiana in Lafayette	13,750	914	801	113	9.9	10.7	11.1	11.4	12.6
Southeastern Louisiana University	12,795	995	911	85	19.9	21.1	14.1	15.0	22.2
University of New Orleans	11,418	570	507	63	8.5	9.5	10.1	10.8	10.0
Louisiana Tech University	8,964	793	751	42	10.7	13.6	12.9	13.1	13.7
University of Louisiana in Monroe	8,778	1,024	913	112	9.8	17.3	18.1	15.8	18.5
Southern University A&M	8,739	**	**	**	**	8.2	8.2	8.1	7.7
Northwestern State University	7,656	1,244	941	303	10.8	10.2	9.1	8.2	7.8
McNeese State University	6,607	815	729	87	11.8	9.3	9.4	10.0	13.3
Nicholls State University	6,245	638	585	53	9.1	10.3	10.6	9.4	9.8
Grambling State University	4,373	635	591	45	8.8	5.8	5.0	6.8	6.5
Southern University at New Orleans	3,064	446	328	118	7.1	7.1	5.4	6.5	6.1
LSU in Shreveport	2,911	**	**	**	**	5.9	6.9	7.8	7.2
PUBLIC TWO YEAR INSTITUTIONS									
Delgado Community College	8,367	1,550	1,106	444	15.0	16.0	17.6	16.8	15.4
LSU at Eunice	2,022	170	161	9	10.0	11.3	13.3	13.5	12.5
Baton Rouge Community College	1,569	228	162	66	19.0				
LSU at Alexandria	1,485	108	101	7	8.3	8.6	7.7	6.2	6.4
Elaine P. Nunez Community College	1,282	**	**	**	**	**	**	25.5	27.0
Southern University at Shreveport	1,033	113	98	15	5.1	5.0	6.8	9.3	8.0

*DOES NOT INCLUDE SATURDAY CLASSES

**NOT AVAILABLE

AVERAGE WEEKLY ROOM USAGE IN LABORATORIES (TABLE 4) 1999

HOURS OF INSTRUCTION

25
20
15
10
5
0

LSU A&M
ULL
Southeastern
UNO
La Tech
ULM
Southern A&M
Northwestern
McNeese
Nicholls
Grambling
Southern-NO
LSU-S
Delgado
LSU-E
BRCC
LSU-A
E. P. Nunez
Southern-S